

(b)
Sub #3

What is claimed is:

1. An ink comprising:
at least a colorant; and
a resin liquid containing either at least a photoreactive
monofunctional monomer or at least a photoreactive
bifunctional monomer,
wherein a viscosity of the resin liquid at 25°C is 1.0
mPa·s or more but 10.5 mPa·s or less.

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2. An ink comprising:
at least a colorant; and
a resin liquid containing at least a photoreactive
monofunctional monomer and at least a photoreactive
bifunctional monomer,
wherein an average viscosity A of the resin liquid at 25°C
calculated using the formula: $A = (W_1 \times A_1 + W_2 \times A_2) / (W_1 + W_2)$
where A_1 is a viscosity of the photoreactive monofunctional
monomer at 25°C, A_2 is a viscosity of the photoreactive
bifunctional monomer at 25°C, W_1 is a weight of the photoreactive
monofunctional monomer, and W_2 is a weight of the photoreactive
bifunctional monomer, is 1.0 mPa·s or more but 10.5 mPa·s or
less.

3. The ink according to claim 2, wherein the viscosity
A₁ of the photoreactive monofunctional monomer at 25°C is 1.0

~~mPa · s or more but 3.0 mPa · s or less and the viscosity A₂ of the photoreactive bifunctional monomer at 25°C is 5.0 mPa · s or more but 10.5 mPa · s or less.~~

5 4. The ink according to claim 1, wherein functional groups of the photoreactive monofunctional monomer and the photoreactive bifunctional monomer are acryloyl groups.

10 5. The ink according to claim 2, wherein functional groups of the photoreactive monofunctional monomer and the photoreactive bifunctional monomer are acryloyl groups.

15 6. The ink according to claim 3, wherein functional groups of the photoreactive monofunctional monomer and the photoreactive bifunctional monomer are acryloyl groups.

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7. A printed product comprising:
an ink-receiving layer containing as a main component at least one resin selected from a group consisting of polyester resin, styrene-acrylic resin, epoxy resin, and phenoxy resin, and being formed an image on a surface of the ink-receiving layer, wherein the image is made with an ink comprising at least a colorant, and a resin liquid containing either at least a photoreactive monofunctional monomer or at least a photoreactive bifunctional monomer, wherein a viscosity of the

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resin liquid at 25°C is 1.0 mPa · s or more but 10.5 mPa · s or less

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8. A printed product comprising:

5 an ink-receiving layer containing as a main component at least one resin selected from a group consisting of polyester resin, styrene-acrylic resin, epoxy resin, and phenoxy resin, and being formed an image on a surface of the ink-receiving layer, wherein the image is made with an ink comprising at least a 10 colorant, and a resin liquid containing at least a photoreactive monofunctional monomer and at least a photoreactive bifunctional monomer, wherein an average viscosity A of the 15 resin liquid at 25°C calculated using the formula: $A = (W_1 \times A_1 + W_2 \times A_2) / (W_1 + W_2)$ where A_1 is a viscosity of the photoreactive monofunctional monomer at 25°C, A_2 is a viscosity of the photoreactive bifunctional monomer at 25°C, W_1 is a weight of the photoreactive monofunctional monomer, and W_2 is a weight of the photoreactive bifunctional monomer, is 1.0 mPa · s or more but 20 10.5 mPa · s or less.

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9. The printed product according to claim 8, wherein the viscosity A_1 of the photoreactive monofunctional monomer at 25°C is 1.0 mPa · s or more but 3.0 mPa · s or less and the viscosity A_2 of the photoreactive bifunctional monomer at 25°C is 5.0 mPa · 25 s or more but 10.5 mPa · s or less.

10. The printed product according to claim 7, wherein
functional groups of the photoreactive monofunctional monomer
and the photoreactive bifunctional monomer are acryloyl groups.

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11. The printed product according to claim 8, wherein
functional groups of the photoreactive monofunctional monomer
and the photoreactive bifunctional monomer are acryloyl groups.

10 12. The printed product according to claim 7, wherein the
glass transition temperature of the polyester resin is 40°C or
more but less than 70°C.

13. The printed product according to claim 8, wherein the
15 glass transition temperature of the polyester resin is 40°C or
more but less than 70°C.